MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Finish and Final

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. Improvements to Roads and Drains at Bhuvaneshwarinagara 125641

Name of work Main Road Left side in ward no. 02 From ..... To .....

Name of Contractor of nature of Agency Technical Manager (KRIDL)

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No: 380/13-14 Date: 21.02.2014						
	Sub code No: 006-14-000025						
	Est cost: Rs. 60.00 lakh						
	Date of Recording:						
1)	Earth work excavation by manual means in hard soil including all average lifts upto 1.5m and all average leads upto 0.5m excavated surface levelled & dressed						
	14th cross	2×8	30.00	0.45	0.40	86.40	
		2	32.00	0.45	0.35	10.08	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	16th cross	2×8	30.00	0.45	0.45	97.20	
		2	31.80	0.45	0.35	10.04	
	15th cross	2×8	30.00	0.45	0.40	86.40	
		2	32.30	0.45	0.35	10.17	
	Sub Road	2	23.80	0.45	0.30	6.42	
		2	23.80	0.45	0.40	8.56	
		2	26.00	0.45	0.35	8.19	
		2×5	30.00	0.45	0.45	60.75	
		2×4	30.00	0.45	0.40	43.20	
	Berm cutting 17th cr	2×8	30.00	1.25	0.25	150.00	
		2	32.00	1.20	0.20	15.36	
	16th cr	2×8	30.00	1.30	0.25	156.00	
		2	31.90	1.20	0.20	15.31	
	15th cr	2×8	30.00	1.30	0.20	124.80	
		2	32.30	1.20	0.25	19.38	

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. 125842

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sub Roads	2	23.80	1.20	0.25	14.28	
		2	23.80	1.25	0.20	11.90	
		2	26.00	1.20	0.20	12.48	
		2×5	30.00	1.20	0.20	90.00	
	culvert	2×5	26.80	2.80	0.20	82.50	
	cu	2×5	26.60	2.80	0.20	81.35	
						1227.84 cu	
					@	90.72/cu	111899=00
2)	Removing BS slab drain and Making it complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14th CR	2×8	30·00	–	1·65	792·00	
		2	32·00	–	1·65	105·60	
	16th CR	2×8	30·00	–	1·65	792·00	
		2	31·90	–	1·65	105·27	
	15th CR	2×8	30·00	–	1·65	792·00	
		2	32·30	–	1·65	106·59	
	Sub Roads	2×3	30·00	–	1·65	297·00	
		2	35·00	–	1·65	115·50	
						3102·00 sq	
					@	50·11/sq	155447·00
5)	Refixing stone slabs of drains and pointing in CM (1:3) etc complete						
	Old wide Item No:				E	2481·00 sq	
					@	70·00/sq	173806·00

C&PC Mohan

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

125843

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including hard curing etc complete 7·5 cm thick						
		2	30·00	–	1·65	99·00	
		2	30·00	–	1·65	99·00	
		2	35·00	–	1·65	115·50	
		2	35·00	–	1·65	115·50	
						429·00 sq	
					@	343·44/sq	147336·00
5)	Providing and laying in position plain cement concrete of mix M7·5 with OPC cement @ 180 Kg/cum using hand and crushed granite metal etc complete						

C&PC Mohan

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Culverts	2	6·50	1·80	0·15	3.51	
		3	6·80	1·80	0·15	5.80	
		2	6·10	1·80	0·15	3.29	
		2	6·30	1·80	0·15	3.40	
		1	6·20	1·80	0·15	1.67	
		1					
						17.35 cu	
						@ 4290.84 cu	74609·00
	Measurement continued on:						
6)	Providing and constructing granite / laterite / balalth rise stone masonry in superstructure with cement mortar 1:6 edges of stones thirty dressed & complete						
		2×2	6·50	0·60	0·90	17.01	
		2×3	6·80	0·60	0·90	22.60	
		2×2	6·10	0·60	0·90	13.27	
		2×2	6·30	0·60	0·90	13.59	
		2	6·20	0·60	0·90	6.34	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

125844

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C & F Mohan					69.55 cu	
						@ 4423.68 cu	307667·00
7)	Providing raked pointing to coursed stone masonry with cement mortar 1:3 20mm deep after raising to depth & cleaning neatly & complete						
		2×2	6·50	-	0·90	23.40	
		2×3	6·80	-	0·90	36.72	
		2×2	6·10	-	0·90	21.96	
		2×2	6·30	-	0·90	22.68	
		2	6·20	-	0·90	11.16	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	6	7	8
						115.92 Cum	
						@ 77.76/Cum	9098.00
8)	providing and laying in position plain cement concrete work in M15 with cement @ 240 kg with 20mm and down size graded granite stone						
		2x2	6.50	0.60	0.10	1.56	
		2x3	6.80	0.60	0.10	2.44	
		2x2	6.10	0.60	0.10	1.46	
		2x2	6.30	0.60	0.10	1.51	
		2	6.20	0.60	0.10	0.74	
						7.72 Cum	
						@ 4680.00/Cum	36158.20

CPC Mohali

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

125845

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Measurement continued Out					
9)	providing and removing shuttering shuttering propping etc and removal of formwork for vertical surface such as walls at any thickness including allowance for cuts						
		2	6.50	0.60	-	7.80	
		3	6.80	0.60	-	12.24	
		2	6.10	0.60	-	7.32	
		2	6.30	0.60	-	7.56	
		1	6.20	0.60	-	3.72	
		2x2	6.50	-	0.25	6.50	
		2x3	6.80	-	0.25	10.20	
		2	6.10	-	0.25	6.10	
		2	6.30	-	0.25	6.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	6.20	-	0.25	3.10	
		10×2	1.80	-	0.25	9.00	
						80.50 sq	
					@	271.08/sq	21822=00
	10) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kg with 20mm and down size course aggregate as comp						
	Culvert	2	6.80	1.80	0.25	5.85	
		3	6.80	1.80	0.25	9.18	
		2	6.40	1.80	0.25	5.49	
		2	6.30	1.80	0.25	5.67	
		1	6.20	1.80	0.25	2.79	
		2×2	6.50	1.00	0.15	3.90	
		2×3	6.80	1.00	0.15	6.12	
		2×2	6.10	1.00	0.15	3.66	
		2×2	6.30	1.00	0.15	2.52	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

125846

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	6.20	1.00	0.15	1.86	
						48.75 sq	
					@	5639.76/sq	274938=00
	11) Providing TMT steel reinforcement for RCC work including straightening, cutting bending hooking placing in position lapping and welding as comp						
	Premeasurement Recorded vide Page No:						
	125889-890 of this MB is					43.88 sq	
					@	7460.92/qtl	326909=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	Scarifying existing stone metal bituminous surface picking up scarified material and making it complete.						
	17th crossing	1	30.00	(5.1+5.5)	–	159.00	
		1	30.00	(5.5+5.0)	–	157.50	
		1	30.00	(5.0+5.2)	–	153.00	
		1	30.00	(5.2+4.9)	–	151.30	
		1	30.00	(4.9+4.8)	–	145.50	
		1	30.00	(4.8+4.7)	–	142.50	
		1	30.00	4.70	–	141.00	
		1	30.00	4.70	–	141.00	
		1	32.00	(4.7+5.5)	–	163.20	

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. .....

Name of work ..... From..... To..... 125847

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	16th crossing	1	30.00	(5.4+5.0)	–	156.00	
		1	30.00	(5.0+5.1)	–	151.50	
		1	30.00	(5.1+4.9)	–	150.00	
		1	30.00	(4.9+4.6)	–	142.50	
		1	30.00	(4.6+4.9)	–	142.50	
		1	30.00	(4.9+5.4)	–	154.50	
		1	30.00	(5.4+4.9)	–	154.50	
		1	30.00	(4.9+4.5)	–	141.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	31.90	(4.5+5.1)	-	153.12	
	15th cross	1	30.00	(5.0+4.9)	-	148.50	
		1	30.00	(4.8+4.6)	-	142.50	
		1	30.00	(4.6+4.4)	-	135.00	
		1	30.00	(4.4+4.6)	-	130.50	
		1	30.00	(4.6+4.1)	-	136.50	
		1	30.00	(4.1+5.0)	-	157.50	
		1	30.00	(5.0+5.5)	-	157.50	
		1	30.00	(5.5+6.0)	-	171.50	
		1	32.30	(6.0+6.8)	-	206.72	
	Sub Roads	1	23.80	(5.5+6.1)	-	138.04	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

Serial No. 125848

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	23.80	(5.5+5.8)	-	134.47	
		1	26.00	(5.5+5.8)	-	146.90	
	12th cross	1	30.00	(5.0+4.9)	-	148.50	
		1	30.00	(4.9+4.6)	-	144.50	
		1	30.00	(4.6+4.4)	-	135.00	
		1	30.00	(4.4+4.6)	-	135.00	
		1	27.00	(4.6+4.7)	-	125.55	
						5170.00	37635.00

C/F

@ 72.79/m

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement continued on.						
13)	Providing laying spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at site in mechanical mix plant to comp						
	17th cross	1	30.00	(5.1+5.5)	0.20	31.80	
		1	30.00	(5.5+5.0)	0.20	31.50	
		1	30.00	(5.0+5.2)	0.20	30.60	
		1	30.00	(5.2+4.9)	0.20	30.30	
		1	30.00	(4.9+4.8)	0.20	29.10	
		1	30.00	(4.8+4.7)	0.20	28.50	
		1	30.00	4.20	0.20	28.20	
		1	30.00	4.20	0.20	28.20	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

125849

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	16th cross	1	32.00	(4.7+5.5)	0.20	32.64	
		1	30.00	(5.4+5.0)	0.20	31.20	
		1	30.00	(5.0+5.1)	0.20	30.30	
		1	30.00	(5.1+4.9)	0.20	30.00	
		1	30.00	(4.9+4.6)	0.20	28.50	
		1	30.00	(4.6+4.9)	0.20	28.50	
		1	30.00	(4.9+5.4)	0.20	30.90	
		1	30.00	(5.4+4.9)	0.20	30.90	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(4.9+4.5)	0.20	28.20	
		1	31.90	(4.5+5.1)	0.20	30.62	
	15th Cross	1	30.00	(5.0+4.9)	0.20	29.70	
		1	30.00	(4.9+4.6)	0.20	28.80	
		1	30.00	(4.6+4.4)	0.20	27.00	
		1	30.00	(4.4+4.6)	0.20	27.00	
		1	30.00	(4.6+4.1)	0.20	26.60	
		1	30.00	(4.1+5.0)	0.20	27.30	
		1	30.00	(5.0+5.5)	0.20	31.50	
		1	30.00	(5.5+6.0)	0.20	34.50	
		1	32.30	(6.0+6.8)	0.20	41.34	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

Serial No. .....

Name of work ..... From..... To..... 125350

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	23.80	(5.5+6.1)	0.20	27.61	
		1	23.80	(5.5+5.8)	0.20	26.89	
		1	26.00	(5.5+5.8)	0.20	29.38	
	12th Cross	1	30.00	(5.0+4.9)	0.20	29.70	
		1	30.00	(4.9+4.6)	0.20	28.80	
		1	30.00	(4.6+4.9)	0.20	27.00	
		1	30.00	(4.4+4.6)	0.20	27.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CPC Mohanur	1	27.00	(4.6+4.7)/2	0.20	25.11	
						1034.00 sq.m	
					@	1121.04/sq.m	1159155.00
	Measurement continued on:						
(14)	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms etc complete						
	Qty vide Item No: (14)					5170.00 sq.m	
					@	10.53/sq.m	54440.00
15)	Providing and applying primer coat from 12.20 to 14.0 kg per 10 sq.m for surface of high porosity over prepared surface of granular base with cut backs etc complete						

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

125851

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty vide Item No: (14)				5170.00 sq.m	
					@	142.07/sq.m	734523.00
16)	providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates & specified grading etc complete						
	17th cross	1	30.00	(5.1+5.5)/2	0.025	3.98	
		1	30.00	(5.5+5.0)/2	0.025	3.94	
		1	30.00	(5.0+5.2)/2	0.025	3.83	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(5.2+4.8) ÷ 2	0.025	3.79	
		1	30.00	(4.8+4.8) ÷ 2	0.025	3.64	
		1	30.00	(4.8+4.7) ÷ 2	0.025	3.50	
		1	30.00	4.70	0.025	3.53	
		1	30.00	4.70	0.025	3.53	
		1	32.00	(4.7+5.5) ÷ 2	0.025	4.08	
	16th cross	1	30.00	(5.4+5.0) ÷ 2	0.025	3.90	
		1	30.00	(5.0+5.1) ÷ 2	0.025	3.79	
		1	30.00	(5.1+4.9) ÷ 2	0.025	3.75	
		1	30.00	(4.9+4.6) ÷ 2	0.025	3.56	
		1	30.00	(4.6+4.9) ÷ 2	0.025	3.56	

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. 125852

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(4.9+4.5) ÷ 2	0.025	3.53	
		1	30.90	(4.5+5.1) ÷ 2	0.025	3.82	
	15th cross	1	30.00	(5.0+4.9) ÷ 2	0.025	3.71	
		1	30.00	(4.9+4.6) ÷ 2	0.025	3.56	
		1	30.00	(4.6+4.1) ÷ 2	0.025	3.38	
		1	30.00	(4.1+4.6) ÷ 2	0.025	3.38	
		1	30.00	(4.6+4.1) ÷ 2	0.025	3.46	
		1	30.00	(4.1+5.0) ÷ 2	0.025	3.41	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(5.0+5.5)	0.025	3.94	
		1	30.00	(5.5+6.0)	0.025	4.31	
		1	32.30	(6.0+6.8)	0.025	5.17	
	Sub Roads	1	23.80	(5.5+6.10)	0.025	3.45	
		1	23.80	(5.5+5.8)	0.025	3.36	
		1	26.00	(5.5+5.8)	0.025	3.67	
	12 M cross	1	30.00	(5.0+4.9)	0.025	3.71	
		1	30.00	(4.9+4.6)	0.025	3.56	
		1	30.00	(4.6+4.4)	0.025	3.38	
		1	30.00	(4.4+4.6)	0.025	3.38	
		1	27.00	(4.6+4.7)	0.025	3.14	

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

Serial No. .....

Name of work ..... From..... To..... 125853

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C&Pre Mahuda					129.25 cu	
				C&F		@ 9987.36/cu	1290091=00
					30/5/2014		
14)	Lead for disposal of blasting Mate be payable at carriage rates by mechanical means including loading and unloading is complete						
		Qty	vide item No. 1			1227.94 cu	
						@ 72.71/cu	89278=00
						TOTAL	53,53,375=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				KRIDL @	11%	5890912.00	
					Total	5944466.20	

certificate:

certified that the above work done is satisfactory

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

Serial No. 125854

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8